A2-Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your newsletter.

June 1990

New stuff

Genesys

Genesys cuts weeks off the time it takes to develop GS/OS desktop programs because it allows you to specify all your menus, windows, dialog boxes, and controls with points and clicks in a desktop environment (instead of byte-by-byte in a program editor). You see the results of what you're doing on the screen in front of you, instantaneously, without compiling or linking anything.

Once you've created your program's interface with *Genesys*, it will generate *fully commented* source code for ANY language that supports GS/OS 5.0.

Novice desktop programmers can gain immediate insights into how desktop programs work by studying the generated source code. And non-programmers can use *Genesys* to tailor desktop programs that use GS/OS resources to their tastes. You can use *Genesys* to rename menu items or controls, to change the shape or color of windows or controls, to add keyboard equivalents to menus and controls, and more.

SS-007   Genesys $99.00

Using AppleWorks

Arthur and Elaine Aron. Que's new 3rd edition includes Quick Start and Advanced applications for all modules of classic AppleWorks. Integrates new features of AppleWorks 3.0 into the text.

IN-006   Using AppleWorks $21.95

Using AppleWorks GS

Katherine Murray. This book provides an introduction to all modules of *AppleWorks GS* and provides step-by-step instructions on such applications as producing form letters and mailing labels, creating a newsletter, integrating spreadsheet information into a report, importing graphics into database applications, and more.

IN-005   Using AppleWorks GS $21.95

SyQuest Removable Media SCSI Hard Drive Assembly

Build your own *removable media* hard drive with the SyQuest assembly. Great for backups or for essentially unlimited storage capacity at hard drive speeds.

After formatting and partitioning, each cartridge holds over 40 megabytes of data. (The assembly itself does not include a cartridge, so you must buy at least one.)

The SyQuest SCSI assembly requires the SCSI drivers supplied with Apple's new high-speed SCSI card. With the new drivers, it will work with either the new card or with Apple's older Rev C SCSI card.

The SyQuest assembly fits into the Leadman hard drive case/power supply with room to spare for a second hard drive in the same case. To build a complete SyQuest drive you'd need the case (DC-001), a SCSI cable (RC-004), the drive assembly (DC-006), a cartridge (DC-007), and an Apple SCSI card (AP-001).

The IIgs Finder treats the SyQuest drive just as you would expect. The SyQuest icon dims when you eject the cartridge and brightens again when you insert a new cartridge. Now you can back up your hard disk quickly and easily; you can carry over 40 megabytes of data in a box the size of a 5.25 disk mailer; you can access virtually unlimited amounts of data by changing cartridges.

DC-006   SyQuest drive assembly $749.00
DC-007   SyQuest 40meg cartridge $119.00

MD-Basic

IMPROVED! *MD-Basic* was mentioned in last month's New Stuff, but it has already been improved! It no longer requires the APW or ORCA programming environments. It will run from the Finder or from any GS/OS "shell," such as *Prosel 16.*

MD-Basic allows you to use the power of the IIgs to write more robust Applesoft programs in less time. *MD-Basic* translates your source code, which doesn't need line numbers and which can include macros, named subroutines and long variable names, into standard Applesoft that will run on any Apple II and that can be compiled with the *Beagle Compiler.*

MD-Basic allows you to use IF-THEN-ELSE, REPEAT-UNTIL, and WHILE-WEND loops. Use all the comments you like, they don't appear in your source code unless you want them to. Don't worry about "reserved words". Use "include" to add pre-written modules from your library to a program; use "define" to create more readable programs that use defined constants and code macros. *MD-Basic* runs under GS/OS, but the Applesoft programs it creates run under ProDOS 8.

MD-001   MD-Basic $49.95

Pricing Error

The price given last month for a 4 megabyte Chinook RAM 4000 card was incorrect. The correct price for this card is $429. Please get a pencil and make a correction in last month's catalog if you're saving them.

We apologize for any undue excitement this mistake may have created in our customers or any undue panic it may have created among others who sell RAM cards.

Apple IIgs Technical Library Set

Limited Time Offer--Available only through A2-Central!

Apple IIgs Technical Library Set--$49.95

by Special Arrangement with Addison-Wesley and Apple Computer

Now *A2-Central* subscribers can get all six books at the heart of the Apple IIgs Technical Library—a $148.70 value—for just $49.95 plus postage.

The six books include:

Technical Introduction to the Apple IIgs	$9.95
Programmer's Introduction to the Apple IIgs	$32.95
Apple IIgs Firmware Reference Manual	$24.95
Apple IIgs Hardware Reference Manual	$26.95
Apple IIgs Toolbox Reference, Volume I	$26.95
Apple IIgs Toolbox Reference, Volume II	$26.95

These are the official Apple IIgs manuals, which were written by Apple Computer and published by Addison-Wesley as part of its Apple Technical Library series.

We've already sold more of these books than almost any other single outlet. Most of them were purchased by professional programmers. But the Apple II has traditionally been the computer non-professionals could program, too. New programming tools are making desktop programming much easier to those who have access to these books and the information they contain.

Apple wants to see these books in wider non-professional distribution. So Apple, Addison-Wesley, and *A2-Central* got together to bring you this special deal.

AW-SET   Apple IIgs Library Set $49.95

Together, these books weigh 15 pounds—over 6.5 kilograms. Please select your choice of shipping method and cost:

		surface	airmail
SHIP	U.S.	$4.80	$15.00
	Canada	$11.50	$16.00
	Central America, Caribbean	$11.50	$30.00
	South America, Europe	$11.50	$60.00
	Mid-East, Africa, Asia, Australia, New Zealand	$11.50	$90.00

Subscribers only--Offer expires July 31, 1990.

The A2 Paraphernalia Shelf

Generic, blank 3.5 disks

These are the same 3.5 disks we use for our disk-based products and our own files. They're generic, blank, come without labels or a box, and are cheap.

A2-001 10 blank 3.5 disks $9.49

Continuous 3.5 disk labels

Have you ever tried to find blank 3.5 disk labels with continuous backing so that you can run them through your printer? We have them.

A2-002 100 blank labels, continuous $1.99

Vinyl disk holders

These are the Static-Guard vinyl storage pages we use when we send out our multi-disk products. They're punched for a three-ring binder. Each page holds four 3.5 disks.

A2-003 10 vinyl 3.5 disk holders $9.97

The A2 Software Shelf

AppleWorks

QC-001	*SuperPatch*	(see 3/90)	$39.95
BB-004	*Beagle AppleWorks 3.0 Companion*	(see 5/90)	$39.95

Data Base Software

SE-001	*DB Master Professional*	(see 1/90)	$245.00
SE-002	*DB Master Programmer's Pak*	(see 5/90)	$129.00

Development Software

SS-007	*Genesys (GS/OS Resource Creator/Editor)*	(see 6/90)	$99.00
MD-001	*MD-Basic (Applesoft pre-compiler)*	(see 5/90)	$49.95
BB-003	*Program Writer (Applesoft program editor)*	(see 1/90)	$37.50
BB-002	*Beagle Compiler (ProDOS Applesoft compiler)*	(see 1/90)	$59.00
MS-002	*Micol Advanced BASIC for IIe/IIc*	(see 1/90)	$89.00
MS-001	*Micol Advanced BASIC for the IIgs*	(see 1/90)	$99.00
RW-002	*Merlin 8/16 (DOS 3.3, ProDOS 8, GS/OS)*	(see 1/90)	$99.00
AW-033	*Programmer's Online Companion for the IIgs*	(see 1/90)	$37.50

Hyper Media

RW-005	*HyperStudio (for IIgs)*	(see 1/90)	$129.00

Education

DR-001	*Diversi-Tune (for IIgs)*	(see 1/90)	$59.00
SB-001	*GSNumerics (for IIgs)*	(see 4/90)	$139.95

Fonts

FC-001	*A2-Central Font Collection*	(see 3/90)	$39.00
	8 3.5 disks of fonts in ShrinkIt format		

Telecommunications

CS-001	*Talk Is Cheap & GEnie Master*	(see 3/90)	$40.00
TH-001	*GEnie Master*	(see 3/90)	$20.00

Utility Software

SS-006	*Cross-Works (ProDOS<—>MS-DOS)*	(see 4/90)	$99.95
FD-001	*Fastdata Pro (full-text search utility)*	(see 1/90)	$49.95
GB-001	*Prosel 8 (for IIe/IIc)*	(see 1/90)	$40.00
GB-002	*Prosel 16 (for IIgs, includes Prosel 8 features)*	(see 1/90)	$60.00
RW-003	*SoftSwitch (program switcher for IIgs)*	(see 1/90)	$45.00
RW-004	*Graphics Exchange (for IIgs)*	(see 1/90)	$37.50
RW-006	*MacroMate (universal macros for IIgs)*	(see 1/90)	$37.50

The A2 Hardware Shelf

Batteries

NO-001	*Nite Owl Slide-On Battery Kit for IIgs*	(see 3/90)	$14.95

Cables (required with modem or printer)

RC-001	*8' cable for IIgs/IIc-Plus*	(see 1/90)	$15.00
RC-002	*8' cable for older IIc*	(see 1/90)	$15.00
RC-003	*8' cable for serial cards*	(see 1/90)	$15.00

Fans

CTFAN-E	*CIRTECH Cool-It fan for Apple IIe*	(see 1/90)	$49.00
CTFAN-GS	*CIRTECH Cool-It fan for Apple IIgs*	(see 1/90)	$49.00

Math Co-Processors

IS-001	*Floating Point Engine*	(see 4/90)	$249.00

Modems

CD-002	*Modem bundle: SC-001, CS-001, and 1 cable*	(see 3/90)	$184.00
SC-001	*Supra 2400 baud external modem (120 volts)*	(see 1/90)	$139.00
CS-001	*Talk Is Cheap & GEnie Master software*	(see 3/90)	$40.00

Monitors

DC-004	*Magnavox BM7652 Monochrome, green*	(see 1/90)	$129.00*
DC-005	*Magnavox BM7622 Monochrome, amber*	(see 1/90)	$129.00*
*	*120 volts. Surface shipping to Canada or APO/FPO adrs*		$30.00

Network Connectors

OE-001	*ModuNet 8-pin for IIe, IIgs, new Macs*	(see 1/90)	$34.95
OE-002	*ModuNet 9-pin for old LaserWriters, old Macs*	(see 1/90)	$34.95

Printers

LC-001	*Laser 190A serial printer*	(see 1/90)	$299.00*
LC-003	*Laser 190A parallel printer*	(see 1/90)	$249.00*
LC-006	*tractor feed attachment*	(see 1/90)	$59.95
LC-007	*5 ribbons (also fit Epson LX-series, Olympia NP30)*		$14.95
*	*120 volts. Surface shipping to Canada or APO/FPO adrs*		$25.00

Speakers

DR-002	*SVI MA-100 speakers for the IIgs*	(see 1/90)	$129.00*
*	*120 volts. Surface shipping to Canada or APO/FPO adrs*		$20.00

3.5 Disk Drives

AM-001	*AMR 3.5 drive*	(see 1/90)	$199.00
AM-002	*Laser 3.5 drive controller for IIe*	(see 1/90)	$59.00

Internal Hard Disk Drives

CT-CID20	*CIRTECH 20-meg internal hard drive*	(see 5/90)	$695.00
CT-CID40	*CIRTECH 40-meg internal hard drive*	(see 5/90)	$895.00

External Hard Disk Parts

AP-001	*Apple High-Speed SCSI card*	(see 5/90)	$129.00
CT-SC	*CIRTECH SCSI card*	(see 1/90)	$139.00
CH-001	*Chinook Utilities for old Apple SCSI card*	(see 1/90)	$30.00
DC-001	*Leadman case with 120V, 60W power supply*	(see 1/90)	$139.00*
RC-004	*SCSI cable, drive to SCSI card*	(see 1/90)	$30.00
DC-002	*Seagate ST-296N-1 80meg SCSI assembly*	(see 1/90)	$559.00*
DC-006	*SyQuest removable media hard drive*	(see 6/90)	$749.00*
DC-007	*40-meg cartridge for SyQuest drive*	(see 6/90)	$119.00
CD-001	*80-Meg hard drive easy-order bundle*	(see 1/90)	$699.00*
	includes DC-001, DC-002, RC-004,		
*	*Surface shipping to Canada or APO/FPO adrs*		$25.00
*	*Surface shipping to other points outside U.S.*		$30.00

Memory Cards

Chinook RAM 4000--for IIgs memory expansion slot

CH-002-0	*0K (no memory installed)*	(see 5/90)	$99.00
CH-002-1	*1 Megabyte*	(see 5/90)	$185.00
CH-002-2	*2 Megabytes*	(see 5/90)	$269.00
CH-002-4	*4 Megabytes*	(see 5/90)	$429.00

StatDisk--for IIe or IIgs standard slots

SD-4	*512K*	(see 10/88)	$389.00
SD-8	*1 Meg*	(see 10/88)	$699.00

plusRAM PR-16--for IIe or IIgs standard slots

PR-16-1	*1 Meg*	(see 9/88)	$359.00

Memory chips

DRAM-1	*Set of 8 1-meg chips for PR-16 or GS-8*		$86.00
SRAM-32	*Set of 2 chips for StatDisk (64K)*		$30.00

The A2-Central Summer Conference

Kansas City
Friday & Saturday
July 20 & 21

For most attendees, myself included, the Developers Conference hosted by A2-Central in July was an experience bordering on the religious.
Bill Kennedy, Technical Editor, InCider

Without exception, every attendee I have talked to feels the first A2-Central Developers Conference at Avila College in Kansas City was a success. The retreat atmosphere was a significant factor in making it so.
Cecil Fretwell, Technical Editor, Call Apple

As I look back, it was the most positive computer conference I have ever been to and I certainly recommend it to anyone with an interest in the Apple II line. Yes, I had a great time; yes, I learned a lot; yes, I met some outstanding people; and, yes, I'll go back.
Al Martin, Editor, The Road Apple

Travel Arrangements
DaySpring Travel of Overland Park has arranged conference airfare and hotel discounts. This year DaySpring can arrange discounted hotel rooms on Kansas City's Country Club Plaza as well as in nearby Overland Park. Call DaySpring at:
800-432-0211

Join us again this year at Kansas City's Avila College Campus for the *A2-Central Summer Conference*.

Last year's attendees gave us very high ratings and we want to do even better this year. We've decided to replace last year's one-track keynote afternoon with more sessions and more opportunities to meet other conference attendees.

Apple Computer, Inc. will once again fully participate in the *A2-Central* conference. A number of sessions will include engineers from Apple, and Apple's Developer Technical Support team will once again be running a Bug-Busting room at the conference.

Apple has also agreed to sponsor this year's evening at the ballpark. This year the Royals will be playing the Boston Red Sox.

June 1 is coming!
Early registration ends June 1. Send your registration in today for the best possible rates!

Meet Jane Lee, Apple's product marketing manager for the Apple II; David Szetela, manager of Apple's developer support operations; Apple engineers who have developed and are developing the Apple II family; Apple developer technical support engineers; and developers like yourself.

Meet the creators of the development tools you use, such as ORCA's Mike Westerfield and TimeOut UltraMacro's Randy Brandt. Meet the people who publish software on a royalty basis or who buy it outright. Meet some people who have started their own companies. This is the largest annual gathering of Apple II developers anywhere. Don't miss it!

Apple IIgs College
On Thursday, July 19, the day before our summer conference officially begins, Apple will be holding an Apple IIgs College at Avila. The cost of the college for conference attendees is $100, which includes meals and a room at Avila Wednesday night.

The college will include overview sessions on subjects such as GS/OS and toolbox programming, lab sessions where you'll work on a programming project of your choice, and classes on specific tools. College staff will be available all three days of the conference to help you with your college project.

You must register by June 1 to get the best prices. We have 80 double rooms available at Avila on a first-come-first-served double-occupancy basis.

Conference prices include all meals from Thursday evening through Sunday morning. If you like, you can pay for the sessions and meals only and make your own hotel and transportation arrangements. Or you can stay three nights (Thursday, Friday, and Saturday) at Avila for an additional $50. And, for $25 more, we will arrange to have you met at the airport and brought directly to Avila and returned. This final option would cover ALL of your costs for the conference except airfare.

	before June 1	after June 1
CONF Conference only (meals incl)	$300	$350
CONF-A Conference & room at Avila	$350	$400
CONF-AT Conf, Avila, & transportation	$375	$425
CONF-GS Apple IIgs College, July 19	$100	$100

The A2 Book Shelf

General Interest Books

Introductory
TS-001 Bear: Computer Wimp	(see 8/88)	$9.95
CB-001 Freiberger: The IIc, Your First Computer	(see 6/88)	$9.95

Desktop Publishing
TB-008 Homan: The Print Shop Project Book	(see 12/89)	$15.95
WG-001 White: Graphic Design for the Electronic Age		$24.95

History/Philosophy of Apple
HB-001 Gassee: The Third Apple	(see 12/88)	$14.95
VP-001 Rose: West of Eden	(see 4/89)	$19.95
HR-001 Sculley: Odyssey	(see 12/88)	$10.95

Legal
NP-001 Salone: How to Copyright Software	(see 3/90)	$34.95

Other
IN-001 Day: The Hacker (novel)	(see 3/90)	$3.95
IN-003 Menu Software Guide for Apple II	(see 3/90)	$19.95
BC-001 Price: How to Write a Computer Manual	(see 3/89)	$33.50
AW-013 Snyder: In Search of Amazing Thing	(see 6/88)	$10.95
IB-001 Weishaar: Your Best Interest	(see 6/88)	$9.95

AppleWorks Books
SY-008 Ericson: AppleWorks, Tips and Techs	(see 6/88)	$19.95
DS-003 disk for this book	(see 8/88)	$12.00
IN-004 Wilkin: Best Book of AppleWorks	(see 5/90)	$21.95
NA-001 Munz: UltraMacros Primer	(see 3/90)	$19.95
CE-001 Thomas: ClassWorks	(see 8/88)	$45.00
IN-006 Aron: Using AppleWorks (Que)	(see 6/90)	$21.95
MH-010 Matthews: AppleWorks Made Easy	(see 7/88)	$18.95
SY-007 Tymes: Mastering AppleWorks	(see 6/88)	$21.95
IN-005 Murray: Using AppleWorks GS (Que)	(see 6/90)	$21.95
AW-027 Brown: Using AppleWorks GS (Add-Wes)		$19.95

Science/Electronics Books
VS-001 Vernier: Build a Better Mousetrap	(see 7/88)	$24.95
TB-003 Pellino et al: Science On Your Apple	(see 6/88)	$14.95
TB-004 Horn: Smart Apples	(see 6/88)	$12.95

Working with Classic Apples

Applesoft
AW-010 Apple: Applesoft Tutorial (w/disk)		$29.95
AW-021 Apple: Applesoft Programmer's Reference		$22.95
SF-001 Miller: Mastering Applesoft Graphics	(see 6/89)	$18.95

ProDOS 8
AW-024 Apple: BASIC Programming with ProDOS (w/disk)		$29.95
AW-023 Apple: ProDOS 8 Tech Ref (w/disk)		$29.95
QS-001 Worth: Beneath Apple ProDOS	(see 8/88)	$19.95
TB-006 Doms/Weishaar: ProDOS Inside and Out	(see 6/88)	$16.95
DS-002 disk for this book		$10.00

6502 Assembly Language
AW-012 Finley/Myers: Asm Lang for Applesoft Prgmmer		$18.95
RW-001 Wagner: Assembly Lines: The Book	(see 6/88)	$19.95
DS-004 disk for this book		$15.95
MH-008 Leventhal: 6502 Subroutines		$19.95

Technical References
AW-003 Apple: Apple IIe Technical Reference		$24.95
AW-004 Apple: Apple IIc Technical Reference		$24.95
LC-005 Laser: Laser 128 Technical Reference		$29.95

Troubleshooting and Repair
HS-002 SAMS Computerfacts: IIe		$24.95
HS-005 SAMS Computerfacts: IIc		$39.95
HS-003 SAMS Computerfacts: Disk II		$24.95
HS-006 Brenner: Apple II Troubleshooting/Repair Guide		$19.95

Working with Printers

Technical References
AW-008 Apple: ImageWriter II Technical Reference		$19.95
AW-025 Apple: ImageWriter LQ Technical Reference		$22.95
AW-028 Apple: LaserWriter Reference		$19.95
SY-003 Campbell: The RS-232 Solution, 2nd Ed	(see 6/88)	$21.95
CP-001 East: Handbook of Printer Commands (3 vols)		$89.95

Troubleshooting and Repair
HS-004 SAMS Computerfacts: ImageWriter I		$24.95
HS-008 SAMS Computerfacts: ImageWriter II		$24.95

Working with the Apple IIgs

Stack Authoring
AW-034 Apple: Hypercard Stack Design		$16.95

Apple IIgs Technical Library Set
AW-018 Apple: Technical Introduction to the Apple IIgs		$9.95
AW-011 Apple: Programmer's Intro to IIgs (w/disk)		$32.95
AW-022 Apple: Apple IIgs Firmware Reference		$24.95
AW-002 Apple: Apple IIgs Hardware Reference		$26.95
AW-019 Apple: Apple IIgs Toolbox Reference, Vol 1		$26.95
AW-006 Apple: Apple IIgs Toolbox Reference, Vol 2		$26.95
AW-SET All 6, Subscribers Only, Expires July 31		$49.95 plus ship

GS/OS, ProDOS 16
AW-020 Apple: ProDOS 16 Reference (w/disk)		$29.95
AW-026 Little: Exploring Apple GS/OS and ProDOS 8		$21.95
DS-006 disk for this book (3.5)		$15.00

65816 Assembly Language
CB-002 Wagner: IIgs Machine Lang for Beginners		$19.95
DS-005 disk for this book (3.5)		$15.95
SS-005 Lichty/Eyes: Programming the IIgs in Asm Lang		$29.95
DS-008 disk for this book (3.5)		$20.00
SS-003 Eyes/Lichty: Programming the 65816		$24.95
BB-001 Scanlon: Apple IIgs Asm Lang Programming		$24.95

Technical References
AW-001 Apple: Apple Numerics Reference (new edition)		$29.95
AW-014 Apple: Human Interface Guidelines		$14.95
CB-005 Gookin/Davis: Mastering the IIgs Toolbox		$19.95
CB-007 Gookin/Davis: Adv Prog Tech for IIgs Toolbox		$19.95
AW-017 Little: Exploring the Apple IIgs	(see 6/88)	$22.95
DS-007 disk for this book (3.5)		$20.00
MH-001 Fischer: Apple IIgs Tech Ref	(see 6/88)	$19.95

Working with AppleTalk
AW-030 Apple: Understanding Computer Networks		$9.95
AW-031 Apple: AppleTalk Network System Overview		$14.95
AW-035 Apple: Inside AppleTalk		$34.95
IN-002 Hands on AppleTalk	(see 3/90)	$21.95

Subscriptions, Back Issues, Ordering Information

Ordering Information

If you received this catalog in the envelope with our newsletter, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and account number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please use it to order stuff from us. When you fold and lick the form as shown, our address will be on the outside and it will be ready to stamp and mail. Please don't send us a photocopy of the form unless you **photocopy both sides.**

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

A2-Central
P.O. Box 11250
Overland Park, KS 66207

or call us:

Voice: 913-469-6502   Fax: 913-469-6507

Subscriptions

The expiration date of your current subscription is shown on our self-mailer to the right of your name ("last issue").

We offer one-, two-, and three-year subscriptions to the paper-only version of *A2-Central*, to a paper-plus-3.5-disk version of *A2-Central*, and to the 3.5-disk based *Stack-Central*.

A2-Central		newsletter only	newsletter & 3.5 disk
1-year (12 issues)		S-1 $28	D-1 $84
2-year (24 issues)		S-2 $54	D-2 $162
3-year (36 issues)		S-3 $78	D-3 $234

Stack-Central		Stack-Cntrl only	Stack-Cntrl & HyperStudio
1-year (6 issues)		SC-1 $42	SCWH-1 $139
2-year (12 issues)		SC-2 $81	SCWH-2 $178
3-year (18 issues)		SC-3 $117	SCWH-3 $214

Subscription prices include free AIR MAIL delivery world-wide.

Back issues

A2-Central (formerly *Open-Apple*) has been published monthly since January, 1985. Single back issues are $2 each. Bound, indexed annual volumes are $14.95. A full set of bound volumes and single issues for the current year is available for $39.

The **Full-Text on Disk** version of our back issues is shipped on 3.5 disks and takes up about 4 megabytes of hard disk storage. Use with full-text search software.

Bound, indexed back issue volumes

OA-001	*Vol. 1*	*Jan 1985–Jan 1986*	$14.95
OA-002	*Vol. 2*	*Feb 1986–Jan 1987*	$14.95
OA-003	*Vol. 3*	*Feb 1987–Jan 1988*	$14.95
OA-004	*Vol. 4*	*Feb 1988–Jan 1989*	$14.95
OA-005	*Vol. 5*	*Feb 1989–Jan 1990*	$14.95

Full Set Specials (every issue ever published)

FS-N	*All five volumes and current singles*	$39.00
FS-D	*Our full text on 3.5 disks*	$39.00

A2-Central Monthly Disks

Our monthly disks are one of the best software values available for the Apple II. Try 1, 3 or 12 (or one a month). Available in 3.5 format only.

$4.67 a disk

Our disks can appear automatically in your mailbox each month for less than what most user groups charge for public domain 3.5 disks. You get our paper newsletter at the standard $28/year rate plus 12 3.5 disks for less than $4.67 each. Subscription prices are $84 for one year, $162 for two years, or $234 for three years.

$4.75 a disk

Current newsletter subscribers can easily convert to a disk subscription. Figure out how many disks you'll get between the first one you want and the month your subscription expires (shown to the right of your address on our self-mailer order form) and send us $4.75 per disk.

$5.00 a disk

Our disks are available in an annual set of 12:

A2-89FS Annual disk set (Feb 89 to Jan 90) $60

$6.00 a disk

Our disks are also available in quarterly sets of 3:

A2-89S1	Quarterly disk set (Feb /March/April)	$18
A2-89S2	Quarterly disk set (May/June/July)	$18
A2-89S3	Quarterly disk set (Aug/Sep/Oct)	$18
A2-89S4	Quarterly disk set (Nov/Dec/Jan 90)	$18
A2-90S1	Quarterly disk set (Feb/March/April)	$18

$10.00 a disk

We don't recommend you buy them this way, but if you insist, we'll still sell you any single disk for $10.

Disk contents 2/89 to 7/89 were in Aug 89 catalog
Disk contents 8/89 to 12/89 were in May 90 catalog

All of our monthly disks include ProDOS; Basic.system; an introduction to the disk by Dean Esmay, our disk editor; text talker software for blind subscribers, and text reading software for sighted subscribers.

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Filename	Blocks	Type	Description
V5.N12.JAN.90	131	TXT	January 1990 issue of A2-Central
RTC.HYPERSTUDIO	46	TXT	Transcript of Hyperstudio conference
AW.3.0.QNA	32	TXT	Appleworks 3.0 Questions & Answers
TECHNOTE.UPDATE	1	DIR	Technical note updates from Apple
TYPE.NOTES	3	DIR	File type notes in here
FTN.ABOUT.11.89	32	TXT	About Apple II file types
FTN.19.XXXX	46	TXT	Revised Appleworks DB info
FTN.1A.XXXX	29	TXT	Revised Appleworks WP info
FTN.1B.XXXX	56	TXT	Revised Appleworks SS info

Filename	Blocks	Type	Description
FTN.BB.XXXX	18	TXT	Info on IIgs device driver files
FTN.C7.XXXX	31	TXT	Info on IIgs CDEV files
FTN.E0.8000	55	TXT	Binary II file info
FTN.E0.8002	83	TXT	NuFX (ShrinkIt) file info
TECH.NOTES	4	DIR	General tech notes in here
TN.ABOUT.11.89	25	TXT	About Apple II Tech Notes
TN.ATLK.007	11	TXT	IIe Appletalk tech note
TN.GSOS.001	77	TXT	System 5.0.2 detailed description
TN.IIGS.025	32	TXT	IIgs Firmware update info
TN.IIGS.053	26	TXT	IIgs Desk Accessory guidelines
TN.IIGS.067	15	TXT	Laserwriter Font mapping info
TN.IIGS.071	11	TXT	CDA Tips and Techniques
TN.IIGS.072	8	TXT	Info on Quickdraw II quirks
TN.IIGS.073	10	TXT	User-defined Tools info
TN.IIGS.074	11	TXT	Faster List Manager routine
TN.PDOS.017	68	TXT	ProDOS 8 recursive catalog routine
TN.PDOS.024	7	TXT	BASIC.SYSTEM version info
PROGRAMS	1	DIR	Useful stuff in here
AW.3.0.PATCHER	1	DIR	Appleworks 3.0 patches from Beagle
PATCHER.DOCS	21	AWP	Documentation for PATCHER program
PATCHER.SYSTEM	26	SYS	Fixes 8 bugs in Appleworks 3.0
DIALER	1	DIR	Phone dialer for Hayes Micromodems
PHONE.DIALER	31	BAS	Dials phone and monitors calls
IIE.SHR	1	DIR	Super Hires Loader program in here
SHLPD.SYSTEM	13	SYS	Shows IIgs graphics on a IIe/IIc
ISSUE.PROGS	1	DIR	Programs from this month's issue
DIR.READER	3	BAS	Dennis' directory reading program
KIDMAIL	1	DIR	Wonderful education & home program
SHRINKIT	72	SYS	Use this to process KID.MAIL.SDK
KID.MAIL.SDK	41	$E0	Mini message system for children
P8.SCSI.STUFF	1	DIR	ProDOS 8 SCSI drive management
SWAPSCSI.DOC	8	TXT	Documentation for SWAPSCSI
SWAPSCSI	1	BIN	Swaps SCSI partitions under P8
VANILLA.MANUAL	30	AWP	Docs for Vanilla SCSI utilities
VANILLA	24	BAS	Format & Partition HD's under P8
SMARTPORT	36	BAS	Modified A2-Central Smartport pgm
VERIFY	3	BIN	Verify routine for HD formatting
DISK.TEST	7	SYS	ProDOS 8 disk timing program
PS.ENVELOPE	1	DIR	Print Shop Envelope maker in here
PS.ENVELOPE	5	BAS	Creates envelopes for PS cards
MISC.GOODIES	1	DIR	Fun stuff in here
GERM.3	3	DIR	Germ Lab, Chapter III
STARTUP	3	BAS	Run this to play Germ Lab
AUTHOR	5	TXT	About the author, Chet Day
TYPE	1	BIN	It's finally fixed!
TYPE.CMD.S	22	TXT	Merlin source code for TYPE
			(Remaining files removed for space)

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Filename	Blocks	Type	Description
V6.N01.FEB.90	132	TXT	February, 1990 issue of A2-Central
PROGRAMS	2	DIR	Neat, useful stuff in here
AW3.0.RAM.PATCH	1	DIR	Patches Appleworks 3.0 for RAM disk
RAMSET.DOC	12	TXT	Documentation for RAMSET program
RAMSET	1	BAS	Desktop limiter for Appleworks 3.0
BACK.REST	1	DIR	Back/Rest program in here
READ.ME	8	AWP	Documentation for Back Rest

Filename	Blocks	Type	Description
BACK.REST	13	S16	Backs up & restores multiple
CP.RESET	1	$B7	IIgs Control Panel settings.
CP.SETTINGS	1	BIN	Example saved CP settings
BRKCURSOR	1	DIR	Break Cursor IIgs init in here
BRKCURSOR.DOC	8	TXT	Documentation for BreakCursor
BRKCURSOR	1	$B6	IIgs crash detection init
BRKCURSOR.ICON	1	$CA	Icon for BRKCURSOR
DESK.ACCS	1	DIR	IIgs desk accessories in here
DISKWITCH.DOC	9	TXT	Documentation for Disk Witch
DISK.WITCH	45	CDA	File utilities in a GS CDA
IW2CDA.DOC	5	TXT	Documentation for IW2CDA
IW2.DA	25	CDA	Nifty CDA to control Imagewriter
SHUTDOWN.DOC	3	TXT	Documentation for Shutdown
SHUTDOWN	3	NDA	Quick frigid reboot NDA
SHOWPIC4.27.DOC	30	TXT	Documentation for Showpic
SHOWPIC4.27	22	NDA	Swiss Army Knife graphic NDA
MACRO.STUFF	1	DIR	Timeout Ultramacros 3.1 stuff
MAC.REF.DOCS	13	AWP	Documentation for macro reference
MACRO.REFERENCE	34	AWP	Special Ultramacro writing utility
FCM.DOCS	35	AWP	File Card Menu docs
FCM1.CONST.KIT	28	AWP	File Card Menu Construction Kit,
FCM3.CONST.KIT	50	AWP	allows creation of file card
FCM5.CONST.KIT	70	AWP	menus within Appleworks with
ADD.FILES.MENU	20	AWP	Ultramacros 3.1!
SAVE.FILES.MENU	21	AWP	
DAILY	1	DIR	These directories are used by
BUS	1	DIR	the example macros in the
TODO	1	AWP	File Card Menu kit. (Remainder
FAKE.FORM	1	AWP	deleted from list for space)
MORE.MACROS	1	DIR	More Ultramacros 3.1 macros!
AGE.MAC.DOCS	13	AWP	Documentation for Age macros
AGE.MACS.1	10	AWP	Examples of macros to handle
AGE.MACS.2	9	AWP	date math within Appleworks
AGE.MACS.3	11	AWP	3.0.
CHANGE.DATE	4	AWP	
AGE.SS	6	ASP	
TUTORTECH.DEMO1	1	DIR	Tutor-Tech demo program #1 in here
STUDENT.SYSTEM	1	SYS	8-bit Hypermedia program demo!
FONTS	16	NON	(remaining files deleted from
STUDENT.OBJ	26	NON	list for space)
TUTORTECH.DEMO2	1	DIR	Tutor-Tech demo program #2 in here
TEACHER.SYSTEM	1	SYS	Allows creation & modification of
FONTS	16	NON	Tutor-Tech "stacks" (changes
TEACHER.OBJ	55	NON	cannot be saved).
VIRUS.PROGRAM	1	DIR	New version of Virus.Rx
RX.DOC	21	TXT	Documentation for Virus.Rx
APPLE.RX	20	SYS	Virus protection program
MISC.GOODIES	1	DIR	Fun, silly stuff in here
DESKPIC.INIT	1	DIR	Deskpic initialization in here
DESKPIC.INIT	1	$B7	Place in *SYSTEM/SYSTEM.SETUP
DESKPICTURE	65	PIC	" " " "
GERM.4	3	DIR	Germ Lab, Chapter IV
STARTUP	3	BAS	Run this to begin Germ Lab
GLIV	53	BAS	Germ Lab main program
AUTHOR	5	TXT	About the Germ Lab author
BUCON	4	TXT	(remainder of list deleted
TYPE	1	BIN	for space)